Computer Science (A.S. Degree)

2009 - 2011 Catalog
Major Code: 025

REMEDIAL SEQUENCE (if Required)

☐ ESL 02 (6)  →  ☐ ESL 03 (6)  →  ☐ ENG 09 (4)
☐ ENG 01 (4)  →  ☐ ENG 02 (4)
☐ RDL 01 (5)  →  ☐ RDL 02 (5)
☐ MTH 01 (4)  →  ☐ MTH 05 (6)  →  ☐ MTH 06 (6)
☐ CHM 02 (4)

GRADUATION REQUIREMENTS

☐ CAT - R  ☐ CAT - W  ☐ CAT - M
☐ Writing Intensive Course I  ☐ Writing Intensive Course II
☐ 2.0 GPA or higher

FRESHMAN REQUIREMENT

☐ OCD 01

1 ENG 10 is designed for students who pass the CAT-R and score 6 on the CAT-W.

2 HIS 11 is designed for students on the ENG 01/02 and/or RDL 01/02 level.

3 Students who are required to take MTH 30, which is a prerequisite for MTH 31, must use elective credits for that purpose.

4 Students can choose from BIO 11 and 12, CHM 11 and 22, PHY 11 and 12, or PHY 31 and 32. Students should consult the lab science requirements of their intended senior college. Students planning to transfer to City College should take PHY 31 and 32 and are encouraged to take PHY 33, MTH 34 and MTH 35.

5 Students should consult the language requirement, if any, of their intended senior college.

CORE REQUIREMENTS

ENG 10¹  Fundamentals of Composition and Rhetoric OR
ENG 11  Composition and Rhetoric I  3
CMS 11  Fundamentals of Interpersonal Communication  3
HIS 10  History of the Modern World OR
HIS 11²  Introduction to the Modern World  3
MTH 31³  Calculus & Analytic Geometry I  4
SCI⁴  Two-Semester Sequence Lab Science  8

Subtotal: 21

REQUIRED AREAS OF STUDY

ART 11  Introduction to Art OR
MUS 11  Introduction to Music  3
ENG 12  Composition and Rhetoric II OR
ENG 14  Written Composition and Prose Fiction OR
ENG 15  Written Composition and Drama OR
ENG 16  Written Composition and Poetry  3
HIS 112  History OR
SOC SCI  Select from ANT, ECO, GEO, PHL, POL, PSY OR SOC  3

Subtotal: 9

SPECIALIZATION REQUIREMENTS

MTH 32  Calculus & Analytic Geometry II  5
MTH 33  Calculus & Analytic Geometry III  5
CSI 30  Discrete Mathematics I  3
CSI 31  Introduction to Computer Programming I  3
CSI 32  Introduction to Computer Programming II  3
CSI 35  Discrete Mathematics II  3
CSI 33  Data Structures OR
DAT 41  Assembly Language Programming  3
XXX⁵  Free Electives to complete 60 credits  5

Subtotal: 30

Total Credits: 60